

# **PROJECT MANAGEMENT**

*16ME761 -0E*

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# **BOOKS**

1. **S Choudhary, “Project Management”** Tata McGraw Hill  
Education Private Limited New Delhi.  
2001
2. **Harold Kerzner, “Project Management: A Systems Approach  
To Planning, Scheduling And Controlling ”**, CBS publisher and distributors
3. **L S Srinath “ PERT and CPM Principles and  
Applications”** Third Eddition
4. **Dr. P N Modi “PERT and CPM”**



# UNIT-5. PROJECT DIRECTION, COORDINATION AND CONTROL

- 1. Direction
- 2. Coordination
- 3. Control



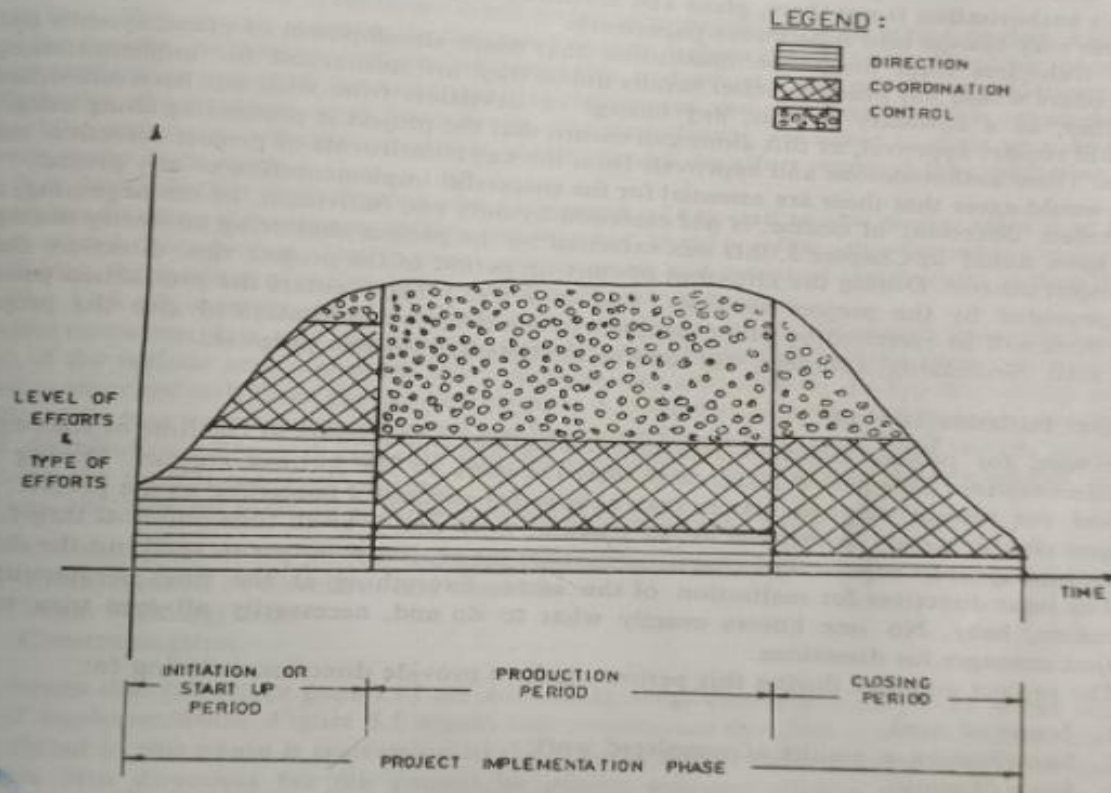


FIG. 5.1 Management efforts schedule

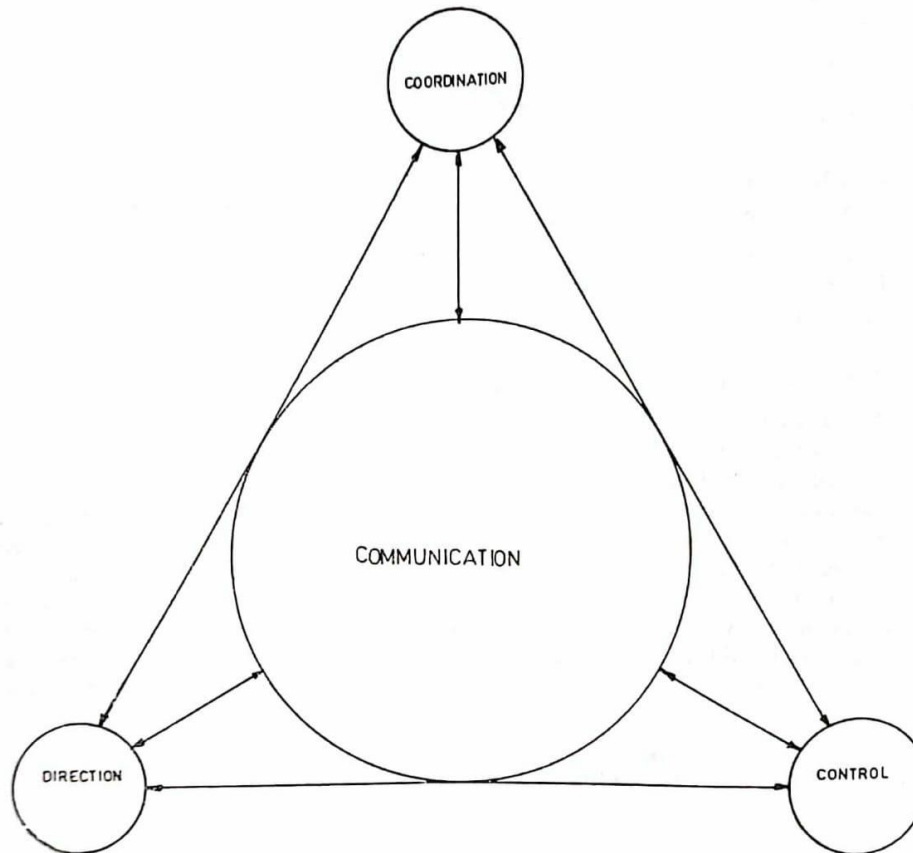
# PERFORMANCE INDICATORS

1. Time over run
2. Cost overrun
3. Project sickness
4. Productivity as performance Indicator
5. Value as Performance Indicator



# COMMUNICATION

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**FIG. 5.6** Communication as key to direction, coordination and control

# COMPUTERIZED REAL TIME INFORMATION PROCESSING

Project Direction, Coordination and Control 179

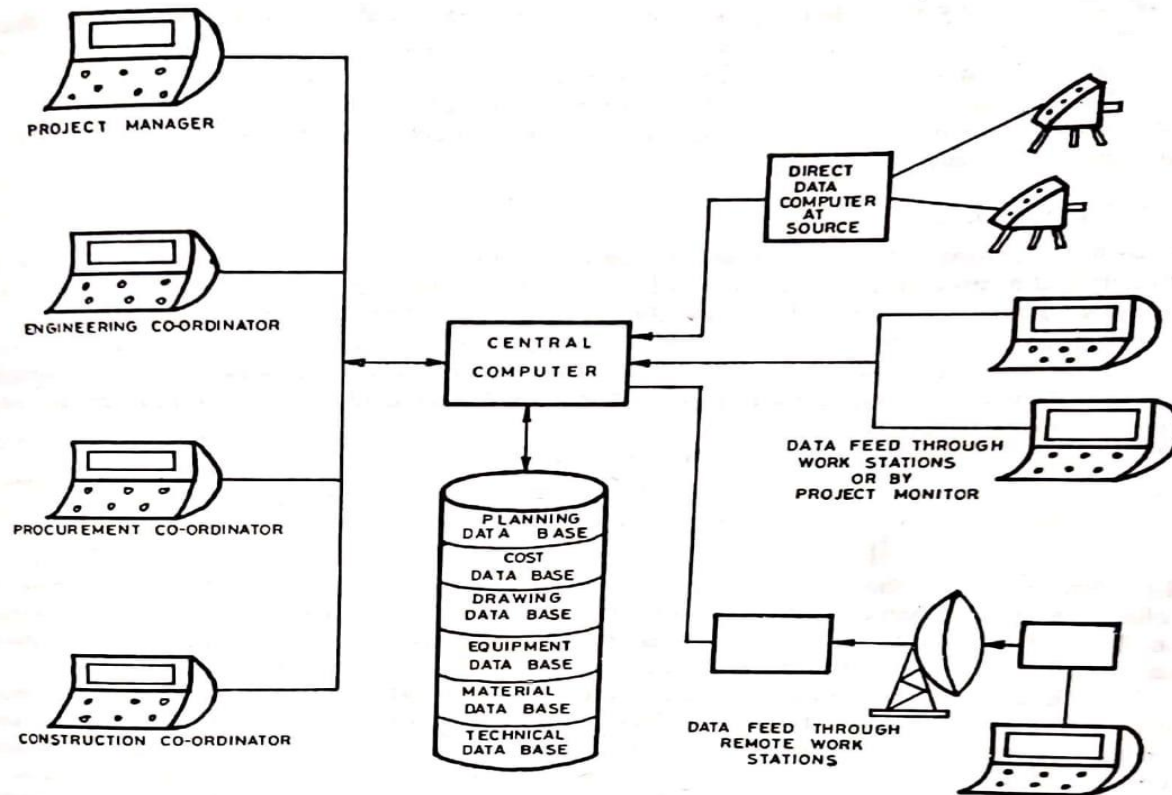


FIG. 5.8 Computerised real-time information processing system

# CM AND DM COMPANIES FOR BETTER PROJECT MANAGEMENT

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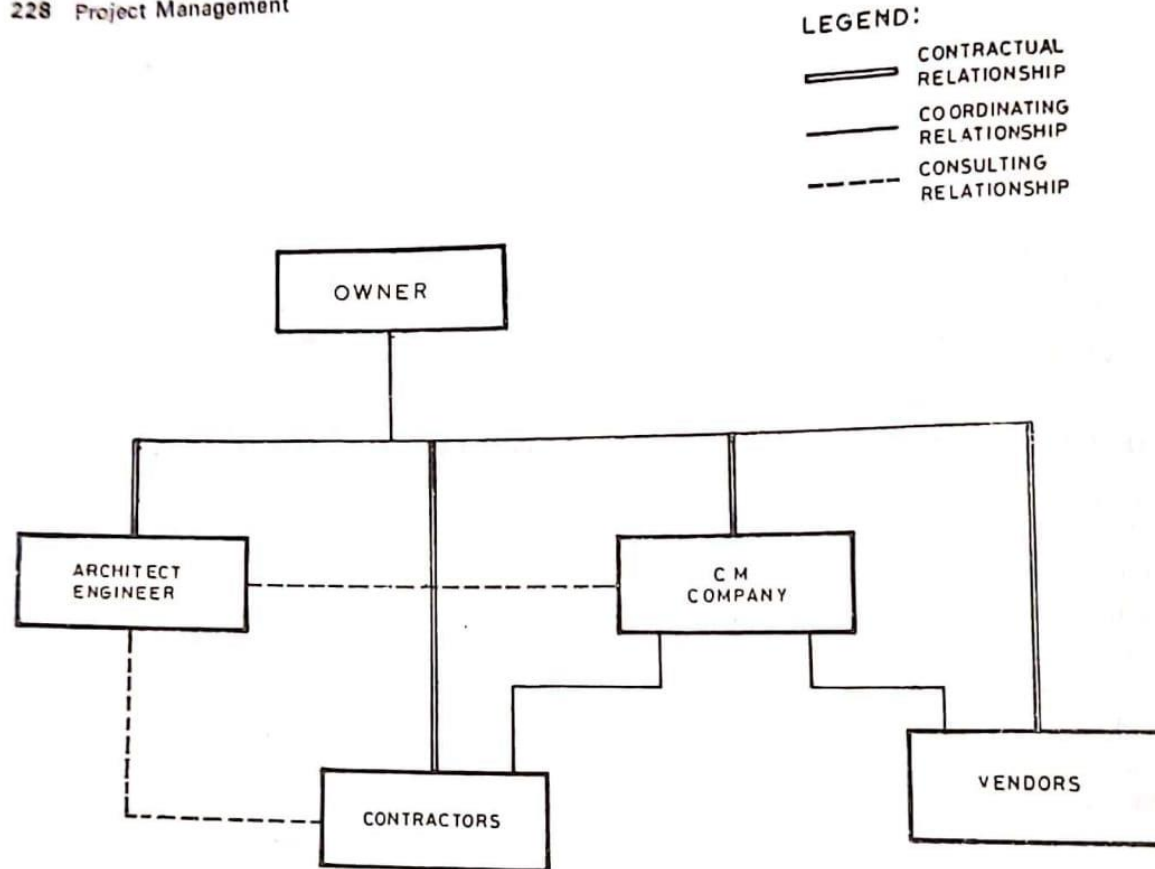


FIG. 6.3 CM company



# PROJECT MANAGEMENT THROUGH CM COMPANY

- Conceptual design phase
- Basic engineering phase
- Construction drawing phase



# PROJECT MANAGEMENT THROUGH DM COMPANY

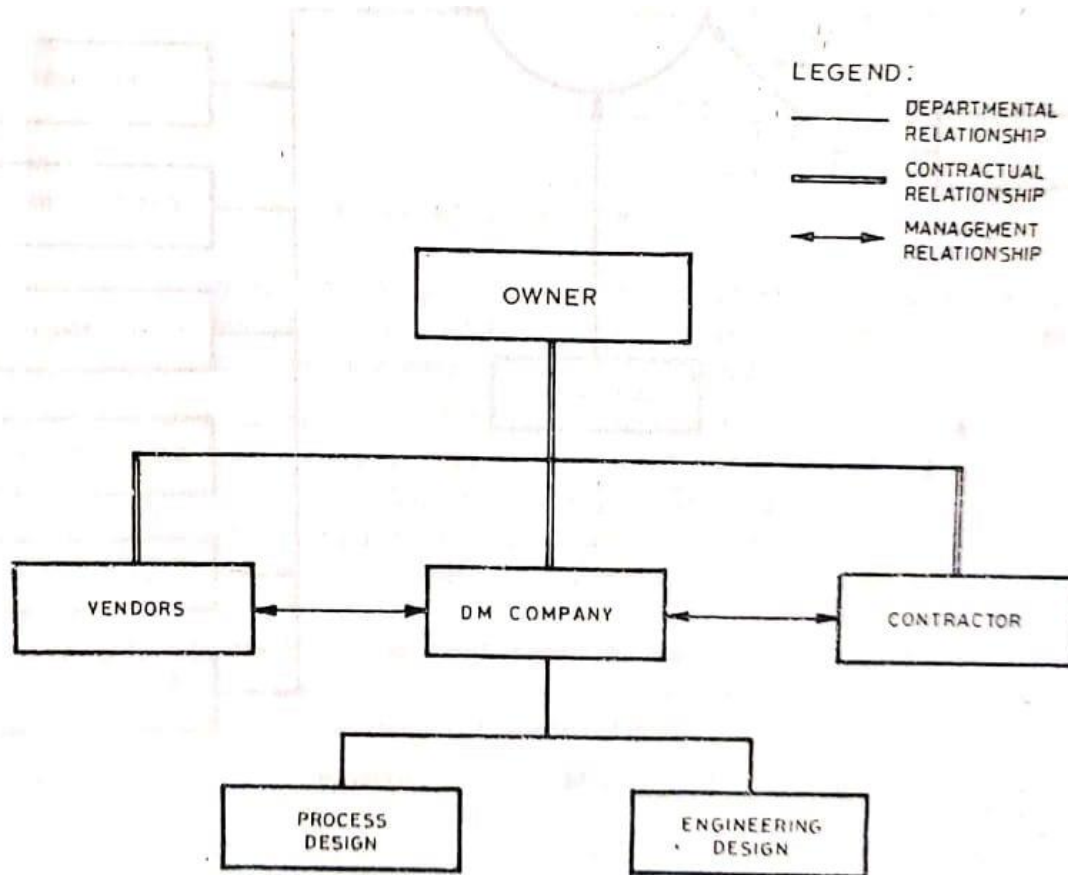


FIG. 6.4 DM company

# PROJECT MANAGEMENT THROUGH DM COMPANY

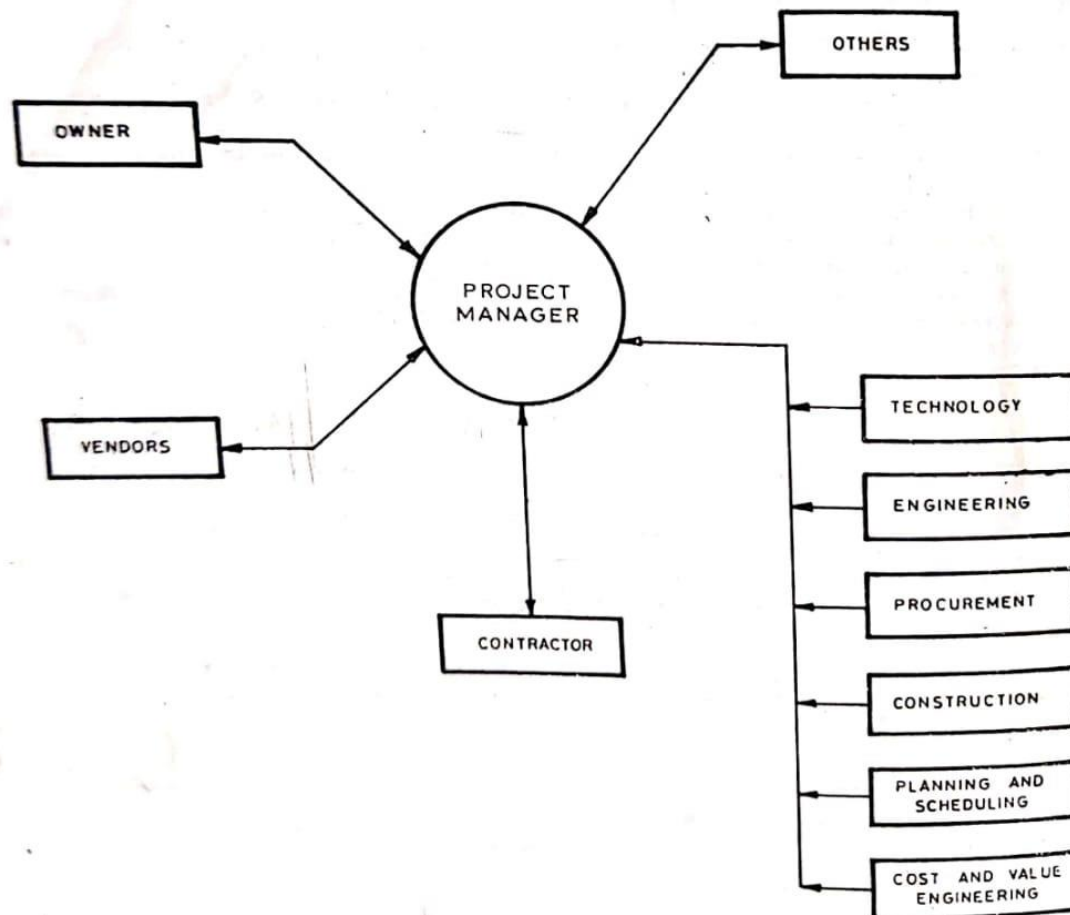


FIG. 6.5 DM company—interaction

# PROJECT MANAGEMENT THROUGH DM COMPANY

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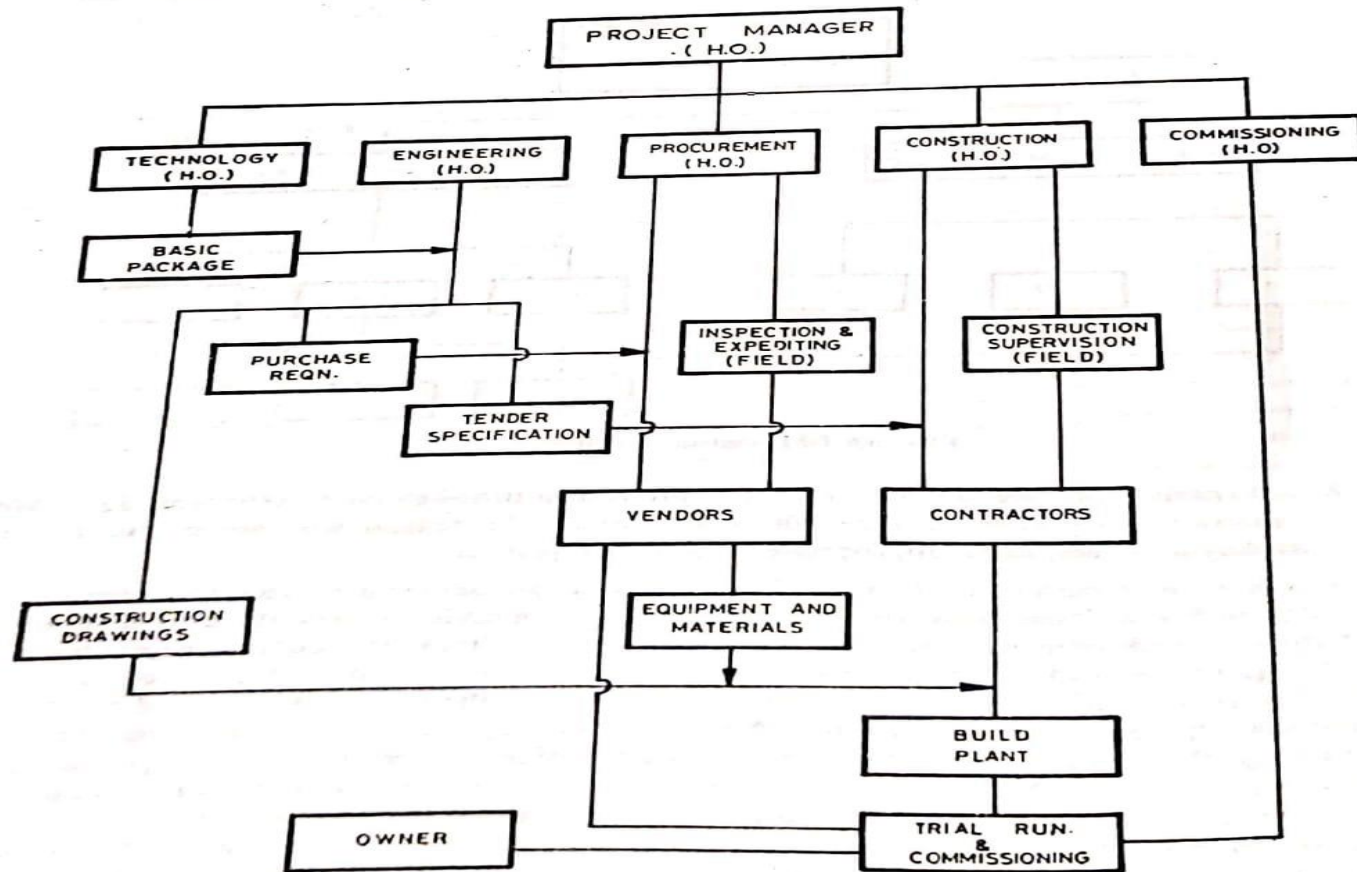


FIG. 6.7 DM company—project execution system

# PROJECT MANAGEMENT ENVIRONMENT

Project Management Performance 237

LEGEND:

REFERS TO THE SHIELD

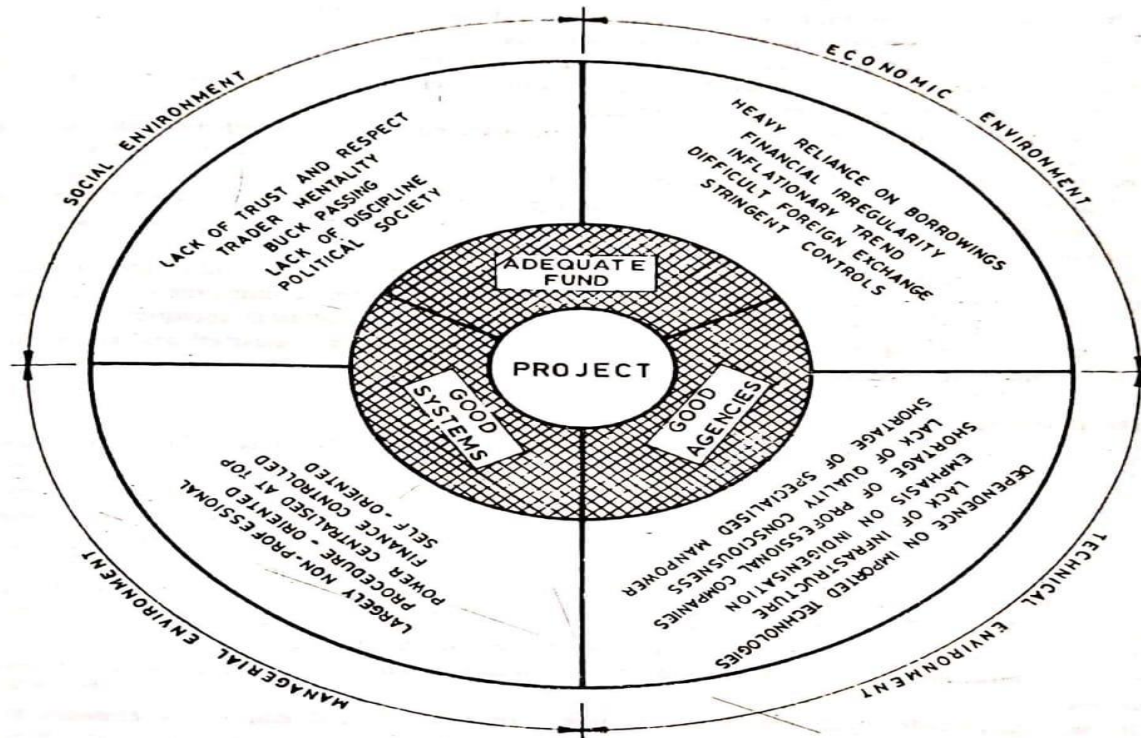


FIG. 6.8 Project management environment and the shield